

LINCOLN  
 LANCASTER COUNTY  
**HEALTH  
 DEPARTMENT**

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## Air Quality Program Supervisor

**The Lincoln-Lancaster County Health Department (LLCHD) Air Quality Program Hereby Proposes to Issue a Permit to Operate a Class II Source to the Following:**

**The Proposed Permit is for Operation of the Following Source:**

In accordance with requirements set forth under Article 2, Section 14 of the Lincoln-Lancaster County Air Pollution Control Programs Regulations and Standards (LLCAPPRS), the LLCHD may not issue a Class II operating permit until the public has been given the opportunity to comment on the draft permit.

Within the 30-day public comment period, any interested person, agency, group, or affected state may request or petition the Director of the LLCHD for a public hearing. All requests for public hearing must be made in writing, and must state the nature of the issues to be raised and all arguments and factual grounds supporting their position. If a public hearing is granted by the Director, the hearing will be advertised by public notice at least 30 days prior to its occurrence.

A final determination on this permit will be made following the opportunity of the public to review and comment on the draft permit, and any/all comments received have been addressed.

The conclusion of this document will include a recommendation to either issue or deny the renewal of a Class II operating permit for this source.

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## Section 1 – Introduction

Purina Animal Nutrition, LLC (hereinafter referred to as ‘Purina’ or the ‘permitted source’), is part of the Animal Food Manufacturing Industry. Emissions include particulate matter less than 10 microns (PM<sub>10</sub>) from grain receiving, shipping, handling, and other feed production activities. A very small amount of other emissions are also produced from one industrial boiler at the facility. On April 7, 2021, Purina submitted an air quality operating permit renewal application for their Class II Operating Permit.

Article 2, Section 5 of the LLCAPCPRS requires that significant sources of air pollutants apply for operating permits. Sources that are required to obtain Class II operating permits are those meeting the criteria set forth under Article 2, Section 5, paragraph (A)(2) of the LLCAPCPRS based on their potential to emit (PTE).

Purina has been operating as a Class II minor source for several years, and emission calculations contained within the approved application indicate that this facility will remain a Class II source of air pollution, as it has a potential to emit the following:

- More than fifteen (15) tons per year, but less than one hundred 100 tons per year, of particulate matter less than or equal to ten micrometers in diameter (PM<sub>10</sub>).

Purina’s HAP emissions do not exceed the *major source* threshold; therefore, this facility is considered an ‘area source’ of hazardous air pollutants.

## **Section 2 – Permitting History**

### **2.01 – Class II Operating Permit History**

Purina Animal Nutrition, LLC was issued an initial Class II operating permit on April 26<sup>th</sup>, 1996. This class II permit was renewed on August 1<sup>st</sup>, 2006, August 29<sup>th</sup>, 2011, and on September 12<sup>th</sup>, 2016.

### **2.02 – Proposed Class II Operating Permit Renewal**

This document serves as the factual and legal basis for the proposed renewal of the operating permit for Purina Animal Nutrition, LLC. The sections that follow provide more information on the source, the nature of emissions from the source, evaluation of the potential to emit, and a discussion of conditions set forth in the draft permit.

## **Section 3 – Source Characterization**

### **3.01 – Source Description**

This source engages in activities included under North American Industry Classification System (NAICS): 311119: Other Animal Food Manufacturing. The process equipment is used for grain and/or feed receiving, handling, storing, processing, and shipping, as applicable based on Section 6 of the operating permit renewal application.

### **3.02 – Significant Sources of Air Pollution**

The operations covered by this permit include the following emissions units:

<b>Emission Unit #</b>	<b>Source Classification Code # (SCC)</b>	<b>Emission Point Description</b>	<b>Emission Segment Description</b>
<b>Grain Receiving/Handling/Shipping</b>			
1-1	3-02-008-02	Grain Receiving	Truck Receiving
2-1	3-02-008-02	Grain Receiving	Rail Receiving
3-1	3-02-008-02	Grain Receiving	Liquid Plant Receiving (Dry Ingredients)
4-1	3-02-005-40	Grain Handling	Bin Vents Mill
5-1	3-02-005-40	Grain Handling	Bin Vents Liquid Plant
9-1	3-02-008-03	Feed Shipping	Bulk Loadout
11-1	A22-94-000-000	Grain Truck Traffic	Paved Haul Roads
11-2	A22-96-000-000	Grain Truck Traffic	Unpaved Haul Roads
<b>Grain Storage</b>			
12-1	3-02-005-40	Storage Bin Vents (Grain Storage)	Whole and Cracked Grain Storage
<b>Grain Processing</b>			
6-1	3-02-008-17	Grain Milling	Hammermill
7-1	3-02-008-16	Pelletizing	Sprout Pellet Cooler
8-1	3-02-008-16	Pelletizing	CPM Pellet Cooler
13-1	3-02-008-09	Feed Manufacture Mixing/Blending	Micro Room Ventilation
14-1	3-02-008-09	Feed Manufacture Mixing/Blending	Manual Addition at Mixer
<b>Miscellaneous</b>			
10-1	1-02-006-02	Boiler	Natural Gas Combustion

### 3.03 – Insignificant Activities

Insignificant activities at this source consist of the following:

Insignificant Activity	Additional Information
Micro room ventilation filter	Keeps work stations free from particles
Calcium pneumatic receiving system	Filter on top of calcium bin
Hand add filter	Draws air from manual dump holes at the mixer
Calcium 80X receiver filter	Filter on top of calcium 80X bin

### 3.04 – Source Aerial View

Aerial view of Purina Animal Nutrition, LLC, at 5500 North Cotner Boulevard as viewed from the northeast looking southwest.



## Section 4 – Emission Characterization

### 4.01 – Emission Calculation Factors and Methods

The procedures for performing emission calculations are provided in the Class II permit application. These procedures will be used to provide the emissions information required for the annual emissions inventory.

### 4.02 – Maximum Potential to Emit (MPTE)

#### 4.02.01 – MPTE: Criteria Pollutants, GHG, and Total Combined HAPs

The following MPTE evaluations are derived from the approved application for this facility.

Emission Unit	Maximum Annual Process Rate	PM <sub>10</sub> (lbs/yr)	PM <sub>2.5</sub> (lbs/yr)	NO <sub>x</sub> (lbs/yr)	SO <sub>2</sub> (lbs/yr)	VOC (lbs/yr)	CO (lbs/yr)	CO <sub>2e</sub> (lbs/yr)	Lead (lbs/yr)	Total HAP (lbs/yr)
1-1	262,800 tons	329.00	55.93	-	-	-	-	-	-	-
2-1	490,560 tons	613.20	104.24	-	-	-	-	-	-	-
3-1	490,560 tons	1,226	208.49	-	-	-	-	-	-	-
4-1	753,360 tons	4,746	806.82	-	-	-	-	-	-	-
5-1	490,560 tons	3,091	525.47	-	-	-	-	-	-	-
6-1	87,600 tons	1,051	178.70	-	-	-	-	-	-	-
7-1	175,200 tons	1,352	229.91	-	-	-	-	-	-	-
8-1	175,200 tons	3,245	551.62	-	-	-	-	-	-	-
9-1	438,000 tons	175.00	29.75	-	-	-	-	-	-	-
10-1	115 MMCF	874.00	874.00	11,500	69.00	632.50	9,660	13,900,000	0.06	216.20
11-1	1,995 miles	232.44	57.05	-	-	-	-	-	-	-
11-2	2000 miles	1,562	156.16	-	-	-	-	-	-	-
12-1	753,360 tons	4,746	828.70	-	-	-	-	-	-	-
13-1	8,760 tons	15.00	-	-	-	-	-	-	-	-
14-1	4,380 tons	7.00	-	-	-	-	-	-	-	-
Total Emissions (lbs/yr)		23,265	4,607	11,500	69.00	632.50	9,660	13,900,000	0.06	216.20
Total Emissions (tons/yr)		11.63	2.30	5.75	0.03	0.32	4.83	6,950	<0.01	0.11



#### 4.02.02 – MPTE: Individual Hazardous Air Pollutants (HAPs)

The maximum potential emissions of individual HAPs at this source are as follows:

HAP Name	CAS #	Emissions (lbs)	Emissions (tons)
Manganese Compounds	7439-96-5	16.2	0.01

#### 4.02.03 – MPTE: Permit Threshold Evaluation

The following table summarizes the source's MPTE, and compares it to applicable Class I and Class II operating permit thresholds:

Criteria Pollutant	Emissions (tpy)	Class II Permitting Threshold	Meet or Exceed?	Class I Permitting Threshold	Meet or Exceed?
PM <sub>10</sub>	11.63	≥ 15 tpy	No	≥ 100 tpy	No
PM <sub>2.5</sub>	2.30	N/A	No	N/A	N/A
NO <sub>x</sub>	5.75	≥ 40 tpy	No	≥ 100 tpy	No
SO <sub>x</sub>	0.03	≥ 40 tpy	No	≥ 100 tpy	No
VOC	0.32	≥ 40 tpy	No	≥ 100 tpy	No
CO	4.83	≥ 50 tpy	No	≥ 100 tpy	No
Lead	<0.01	≥ 0.6 tpy	No	≥ 5 tpy	No
CO <sub>2e</sub>	6,950	N/A	N/A	100,000 tpy	No
Hazardous Air Pollutant	Emissions (tpy)	Class II Permitting Threshold	Meet or Exceed?	Class I Permitting Threshold	Meet or Exceed?
Greatest Single HAP	0.01	≥ 2.5 tpy	Yes	≥ 10.0 tpy	No
Total Combined HAPs	0.11	≥ 10.0 tpy	Yes	≥ 25.0 tpy	No

#### 4.03 – Limited Potential to Emit

##### 4.03.01 – LPTE: Criteria Pollutants, GHG, and Total Combined HAPs

The following limited emissions are derived from the approved application for this facility and incorporate any source-elected controls or limits.

Emission Unit	Maximum Annual Process Rate	PM <sub>10</sub> (lbs/yr)	PM <sub>2.5</sub> (lbs/yr)	NO <sub>x</sub> (lbs/yr)	SO <sub>2</sub> (lbs/yr)	VOC (lbs/yr)	CO (lbs/yr)	CO <sub>2e</sub> (lbs/yr)	Lead (lbs/yr)	Total HAP (lbs/yr)
1-1	262,800 tons	329.00	55.93	-	-	-	-	-	-	-
2-1	490,560 tons	613.20	104.24	-	-	-	-	-	-	-
3-1	490,560 tons	1,226	208.49	-	-	-	-	-	-	-
4-1	753,360 tons	4,746	806.82	-	-	-	-	-	-	-
5-1	490,560 tons	3,091	525.47	-	-	-	-	-	-	-
6-1**	87,600 tons	52.56	8.94	-	-	-	-	-	-	-
7-1*	175,200 tons	1,352	229.91	-	-	-	-	-	-	-
8-1*	175,200 tons	3,245	551.62	-	-	-	-	-	-	-
9-1	438,000 tons	175.00	29.75	-	-	-	-	-	-	-
10-1	115 MMCF	874.00	874.00	11,500	69.00	632.50	9,660	13,900,000	0.06	216.20
11-1**	750 miles	87.38	21.45	-	-	-	-	-	-	-
11-2**	665 miles	519.25	51.92	-	-	-	-	-	-	-
12-1	753,360 tons	4,746	828.70	-	-	-	-	-	-	-
13-1**	8,760 tons	0.75	0.00	-	-	-	-	-	-	-
14-1**	4,380 tons	0.35	0.00	-	-	-	-	-	-	-
<b>Total Emissions (lbs/yr)</b>		21,057	4,297	11,500	69.00	632.50	9,660	13,900,000	0.06	216.20
<b>Total Emissions (tons/yr)</b>		10.53	2.15	5.75	0.03	0.32	4.83	6,950	<0.01	0.11

\* Controlled Emission Units **with** Federal Prerequisite - Emission Units 7-1 & 8-1 incorporate federally required controls per 40 CFR Part 63 Subpart DDDDDDD (Source Category NESHP – National Emission Standards for Hazardous Air Pollutants for Area Sources: Prepared Feeds Manufacturing). Therefore, emission evaluations do not change in the LPTE section compared to the MPTE section.

\*\* Controlled Emission Units **without** Federal Prerequisite - All other emission units which incorporate controls or limits are source elected which is reflected by the decrease in emissions in the LPTE section compared to the MPTE section.

#### 4.03.02 – LPTE: Individual Hazardous Air Pollutants (HAPs)

The limited potential emissions of individual HAPs at this source are as follows:

HAP Name	CAS #	Emissions (lbs)	Emissions (tons)
Manganese Compounds	7439-96-5	16.2	0.01

#### 4.03.03 – Limited Potential to Emit – Permit Threshold Evaluation

The following table summarizes the source's potential to emit, and compares it to applicable Class I and Class II operating permit thresholds:

Criteria Pollutant	Emissions (tpy)	Class II Permitting Threshold	Meet or Exceed?	Class I Permitting Threshold	Meet or Exceed?
PM <sub>10</sub>	10.53	≥ 15 tpy	No	≥ 100 tpy	No
PM <sub>2.5</sub>	2.15	N/A	No	N/A	N/A
NO <sub>x</sub>	5.75	≥ 40 tpy	No	≥ 100 tpy	No
SO <sub>x</sub>	0.03	≥ 40 tpy	No	≥ 100 tpy	No
VOC	0.32	≥ 40 tpy	No	≥ 100 tpy	No
CO	4.83	≥ 50 tpy	No	≥ 100 tpy	No
Lead	<0.01	≥ 0.6 tpy	No	≥ 5 tpy	No
CO <sub>2e</sub>	6,950	N/A	N/A	100,000 tpy	No
Hazardous Air Pollutant	Emissions (tpy)	Class II Permitting Threshold	Meet or Exceed?	Class I Permitting Threshold	Meet or Exceed?
Greatest Single HAP	0.01	≥ 2.5 tpy	Yes	≥ 10.0 tpy	No
Total Combined HAPs	0.11	≥ 10.0 tpy	Yes	≥ 25.0 tpy	No

#### 4.04 – Permit Threshold Evaluation

As reflected in the table in Section 4.03.03, emissions from this source are of sufficient quantities to require a Class II operating permit.



## **Section 5 – Regulations**

### **5.01 – Applicable & Non-Applicable Regulations & Requirements**

(A) The following sections (§) of the LLCAPCPRS are applicable requirements of this permit:

**Table 1-A: Applicable Regulations of the LLCAPCPRS**

<b>Article 1: Administration and Enforcement</b>	
§1	Intent
§2	Unlawful Acts – Permits Required
§3	Violations – Hearings – Orders
§4	Appeal Procedure
§5	Variance
§6	Annual Fees
§7	Compliance – Actions to Enforce – Penalties for Non-Compliance
§8	Procedure for Abatement
§9	Severability
<b>Article 2: Regulations and Standards</b>	
§1	Definitions
§4	Ambient Air Quality Standards
§5	Operating Permits – When Required
§6	Emissions Reporting – When Required
§7	Operating Permits – Application
§8	Operating Permits – Content
§11	Emergency Operating Permits – Defense
§12	Operating Permit Renewal and Expiration
§14	Permits – Public Participation
§15	Operating Permit Modifications – Reopening for Cause
§16	Stack Heights – Good Engineering Practice (GEP)
§17	Construction Permits – When Required
§18	New Source Performance Standards (NSPS)
§20	Particulate Emissions – Limitations and Standards
§23	Hazardous Air Pollutants – Emission Standards
§24	Sulfur Compound Emissions – Existing Sources – Emission Standards
§28	Hazardous Air Pollutants – MACT Emission Standards
§29	Operating Permit Emission Fees
§32	Dust – Duty to Prevent Escape Of
§33	Compliance – Time Schedule For
§34	Emission Sources – Testing – Monitoring
§35	Compliance – Exceptions Due to Startup Shutdown or Malfunction
§36	Control Regulations – Circumvention – When Excepted
§37	Compliance – Responsibility of Owner/Operator Pending Review by Director
§38	Emergency Episodes – Occurrence and Control – Contingency Plans
<b>Appendices</b>	
I	Emergency Emission Reduction Regulations
II & III	Hazardous Air Pollutants (HAPs)

- (B) The following chapter(s) of the Lincoln Municipal Code (LMC) are requirements of this permit:

**Table 1-B: Applicable Chapter(s) of the Lincoln Municipal Code**

Chapter	Chapter Title
8.06	Air Pollution

- (C) The following Federal Regulations are applicable or potentially applicable requirements of this permit (includes those not delegated to the LLCHD or not included in the LLCAPCPRS):

**Table 1-C: Applicable/Potentially Applicable Federal Regulations**

40 CFR Part 61: National Emission Standards for Hazardous Air Pollutants (NESHAP)	
Subpart	Subpart Title
A	General Provisions
M	Asbestos
40 CFR Part 63: NESHAP for Source Categories	
Subpart	Subpart Title
A	General Provisions
DDDDDDD	NESHAP for Hazardous Air Pollutants for Area Sources: Prepared Feeds Manufacturing
40 CFR Part 82: Protection of the Stratospheric Ozone	

- (D) The following sections of the LLCAPCPRS are not applicable requirements of this permit:

**Table 1-D: Non-Applicable Regulations of the LLCAPCPRS**

Article 2: Regulations and Standards	
§2	Major Sources – Defined
§9	General Operating Permits for Class I and II Sources
§10	Operating Pmts. for Temp. Sources & Notification of Relocation of Port. Equip.
§13	Class I Operating Permit – EPA Review – Affected States Review
§18	New Source Performance Standards (NSPS)
§19	Prevention of Significant Deterioration (PSD) of Air Quality
§21	Compliance Assurance Monitoring (CAM)
§22	Incinerator Emission Standards
§25	Nitrogen Oxides – Emissions Standards for Existing Stationary Sources
§26	Acid Rain
§27	Hazardous Air Pollutants – Maximum Achievable Control Technology (MACT)
§3, §30, §31	Reserved

- (E) The following Federal Regulations are not applicable requirements of this permit:

**Table 1-E: Non-Applicable Federal Regulations**

Regulation	Non-Applicable Subparts, Section(s), or Appendix
40 CFR Part 51	Appendix S: Emission Offset Interpretive Ruling
40 CFR Part 60	Entire rule is non-applicable at the time of permit issuance
40 CFR Part 61	All subparts, except those listed as applicable in Table 1-C
40 CFR Part 63	All subparts, except those listed as applicable in Table 1-C
40 CFR Part 64	Entire rule is non-applicable at the time of permit issuance
40 CFR Part 68	Entire rule is non-applicable at the time of permit issuance
40 CFR Part 98	Entire rule is non-applicable at the time of permit issuance

## **Section 6 – Discussion of Proposed Permit Conditions, Monitoring, Reporting, Notification and Record Keeping Requirements**

The following conditions of the proposed permit contain monitoring, reporting, notification, and record keeping requirements. Therefore, the condition numbering cited throughout this section corresponds to sections as designated in the proposed permit. A brief description of these conditions is provided below:

### **6.01 – General Conditions**

Conditions II through XXVIII are general conditions that are applicable to all Class II sources. There will not be an in-depth discussion of these requirements, except to note the following General Conditions specifically related to monitoring, reporting, notification, and record-keeping:

- VI – Fees
- XI – Annual Emission Reporting
- XII(A) – Timely Applications
- XII(B) – Certification of Truth, Accuracy, and Completeness
- XIII(C)-(D) – Record Keeping Elements and Retention Times
- XIII(L) – Permit Copy Maintenance and Retention
- XVI(F) – Notification of Source Modifications
- XXIV(E) – ‘Credible Evidence Rule’
- XXV – Startup, Shutdown, and Malfunction (SSM) Provisions

### **6.02 – Specific Conditions**

The following are specific conditions of the proposed Class II operating permit:

- XXIX – Minor Source Requirements. The conditions established under this requirement establish the source as a ‘minor’ source of emissions and provide enforceable conditions requiring the source to maintain actual emissions at levels below ‘major source’ thresholds. These requirements qualify the source for a Class II operating permit. The facility is subject to the monitoring, recordkeeping, and reporting requirements applicable to Class II sources identified in the permit.
- XXX – Source Wide Requirements. These conditions apply to the facility and emission unit(s) identified under this condition in the permit. The following conditions have been established pursuant to elections made by the owner/operator in the approved application and the authorities granted in Article 2, Section 8, paragraph (O) of the LLCAPCPRS. These conditions are deemed necessary by the Director to protect public health and/or the environment and are consistent with federally enforceable construction permits held by the owner/operator (if any). All terms and conditions of this permit are enforced by the Administrator and the citizens under the Act, except for those terms and conditions that are specifically designated as not being federally enforceable.
  - (A) Operating Requirements, Throughput Limits, and/or Work Practice Standards.

The requirements set forth under this condition serve to:

    - specify emission units subject to source-wide use of materials and/or production rates in order to maintain status as a ‘minor’ source;
    - ensure that the units are operated in such a manner that their contributions to air pollution are minimized; and

- incorporate by reference any applicable operating requirements, processing limits, or work practice standards established pursuant to applicable Federal Regulations.

(B) Emission Limits and Emission Control Requirements.

The requirements set forth under this condition serve to:

- specify particulate matter and opacity limits applicable to the source;
- establish specifications for operation of a fabric filter dust collector if elected as a control device in the approved application;
- establish specifications for operation of a cyclone if elected as a control device in the approved application.

(C) Monitoring Requirements.

The requirements set forth under this condition serve to:

- establishing methods to demonstrate ongoing compliance for all emission control devices elected as a required emission control in Section 6 of the approved application; and
- incorporate corrective action, when necessary, within an appropriate time frame.

(D) Record Keeping Requirements.

The requirements set forth under this condition serve to:

- ensure adequate records are maintained of all grain and/or feed throughput, on-site vehicle miles traveled, and fuel usage for grain drying to substantiate calculations of source emissions; and
- ensure adequate records for the elected control device(s) are maintained demonstrating ongoing compliance with Condition XXX(B) of the proposed permit.

(E) Reporting Requirements.

The requirements set forth under this condition serve to:

- establish annual reporting requirements for the throughput of grain, amount of fuel used, and amount of oil used, if applicable;
- establish annual reporting requirements for any control device failure; and
- establish annual reporting requirements for any modification to the source.

(F) 40 CFR Part 60 Subpart Dc – Standards of Performance for Small New Industrial-Commercial-Institutional Steam Generating Units.

The requirements set forth under this condition serve to incorporate the applicable requirements of 40 CFR Part 60, Subpart Dc.

(G) Requirements of the National Emission Standards for Hazardous Air Pollutants for Source Categories (Source Category NESHAPs) set forth in Title 40, Part 63 of the Code of Federal Regulations (40 CFR 63).

The requirements set forth under this condition serve to incorporate the applicable requirements of 40 CFR Part 63, Subpart DDDDDDD.

(H) Other Requirements.

The requirements set forth under this condition serve to ensure that the Department is aware of any changes at this source that would result in

significant changes to actual emissions as well as the source's potential to emit.

### **Section 7 – Summary of Permit Conditions Enforceable by Agency**

- (1) LLCHD (Local) – All conditions indicated in this permit.
- (2) EPA (Federal) – All conditions indicated in this permit with the exceptions of Regulations I(E).

### **Section 8 – Compliance Assurance Monitoring**

The Compliance Assurance Monitoring (CAM) requirements set forth under 40 CFR Part 64 only applies to major sources, and Capital is not a major source for any criteria or hazardous air pollutant. Therefore, the requirements of 40 CFR Part 64 do not apply.

### **Section 9 – Pollution Prevention Opportunities**

The Department encourages the owner/operator to continually examine its operations for pollution prevention opportunities. The Department's Technical Assistance Program can provide resources to aid the facility in exploring available pollution prevention options.

### **Section 10 – Air Quality Program Recommendation**

The Department proposes approval of a Class II Operating Permit for this facility. Enforceable permit conditions have been provided in the draft permit. A final determination on this permit will be made following the opportunity of the public to comment on the draft permit, and any comments received have been addressed.

### **Section 11 – Public Participation**

The following notice is scheduled for publication in the **January 25, 2022** edition of the Lincoln Journal Star, which is a newspaper of general circulation in Lancaster County, Nebraska.

This notice, along with the draft permit, statement of basis, and permit application will also be made available on the Lincoln-Lancaster County Health Department (LLCHD) Air Quality Program website at the following URL:

<http://lincoln.ne.gov/city/health/enviro/Air/PubNot.htm>

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## **NOTICE OF INTENT TO ISSUE PERMIT**

### **LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT (LLCHD)**

- A. In accordance with Article 2, Section 14 of the Lincoln-Lancaster County Air Pollution Control Program Regulations and Standards (LLCAPCPRS), the LLCHD gives notice of the preliminary determination to approve the following permitting action(s) for the source identified in item '1' below. The 30-day public comment period commences **January 25, 2022** and ends on **February 24, 2022**.
  1. Renewal of a Class II Operating Permit
- B. Issuance of the proposed permit allows for continued operation of the subject emission source within Federal, State and Local requirements. Provided below are the name, address, and the North America Industry Classification System (NAICS) code describing the nature of business at the subject emission source:
  1. Source Name: Purina Animal Nutrition, LLC
  2. Source Address: 5500 N. Cotner Blvd., Lincoln, NE 68507
  3. NAICS Code(s): 311119 (Other Animal Food Manufacturing)

- C. Potential emissions do not exceed the Class I permit thresholds set forth under Article 2, Section 5 of the LLCAPCPRS, but do exceed the Class II permit thresholds. As a result, the source will be classified as a 'minor source' of emissions, and qualifies for a Class II operating permit.
- D. The proposed Class II operating permit will allow for emissions of the following regulated air pollutants in the associated quantities. All quantities are in units of tons per year, or tpy.
- |   |           |
|---|-----------|
| Particulate matter less than 10 micrometers in diameter (PM <sub>10</sub> )   | 11.05 tpy |
| Particulate matter less than 2.5 micrometers in diameter (PM <sub>2.5</sub> ) | 2.20 tpy  |
| Oxides of Nitrogen (NO <sub>x</sub> )   | 5.75 tpy  |
| Oxides of Sulfur (SO <sub>x</sub> )   | 0.03 tpy  |
| Volatile Organic Compounds (VOC)  | 0.32 tpy  |
| Carbon Monoxide (CO)  | 4.83 tpy  |
| Lead (Pb)   | <0.01 tpy |
| Greenhouse Gases (as CO <sub>2</sub> equivalents)                             | 6,950 tpy |
| Greatest Single Hazardous Air Pollutant (HAP)                                 | 0.01 tpy  |
| Total Combined Hazardous Air Pollutants (HAPs)                                | 0.11 tpy  |
- E. The proposed permit, statement of basis, operating permit application, and a copy of this public notice document are available online at: <http://lincoln.ne.gov>, keyword search "air". Those materials are also available for inspection during business hours at the office of the LLCHD at 3131 O Street, Lincoln, NE 68510. Telephone inquiries regarding this public notice may be directed to the Air Quality Program at (402) 441-8040. If alternate formats of materials are needed, please notify the Department by calling (402) 441-8040 or (402) 441-6284 for TDD users.
- F. Within the 30-day public comment period, any interested person, agency, or group may submit comments on the proposed permit(s), or request or petition the Director of the LLCHD for a public hearing in accordance with item 'G' below. Comments on the proposed permit(s) may be mailed to the attention of the Air Quality Program Supervisor at the address provided in item 'O' above, or submitted via e-mail to [health@lincoln.ne.gov](mailto:health@lincoln.ne.gov) using the subject line 'Comment on Air Quality Permit'. Individuals commenting via e-mail are asked to provide their home address and phone number for follow-up correspondence.
- G. Requests for public hearing must be made in writing, and must state the nature of the issues to be raised and all arguments and factual grounds supporting their position. If a public hearing is granted by the Director, the hearing will be advertised by public notice at least 30 days prior to its occurrence.